Page	1	αf	3

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT MMB DOCKET NO. 1007-0584 Emerson Docket No. MAL-03-011 **APPLICATION NO. 10/730,296** 

APPLICANT(S): Smock et al.

FILING DATE: December 8, 2003

GROUP ART UNIT: To be assigned

				U.S. 1	PATENT I	DOCUMENTS	<del></del>		<del></del>	
EXAMINER INITIAL		DOCUMENT NUMBER		DATE		NAME	CLA	ASS	SUB-CLASS	FILING DATE
a	AA	3,438,666		04/15/1969		Erickson	1	TI	<del>                                     </del>	
9	AB	3,569,670		03/09/1971		Christian		$\neg$	† <i>† †</i>	
. /	AC	3,646,612		02/29/1972	<del>,</del>	Anderson		7	<del>                                     </del>	1
	AD	3,750,643		08/07/1973	<del></del>	Fowler et al.		1	<del>                                     </del>	<u> </u>
	AE	3,831,580		08/27/1974		McLean		<del>                                     </del>	<del>                                     </del>	
<del>                                     </del>	AF	3,859,979		01/14/1975		Gilliom		+	<del>                                     </del>	
	AG	4,082,077		04/04/1978		Marfatia et al.		1	1	
	AH	4,082,078		04/04/1978	- · · · · -	Thulcen et al.		†	1 1	
	AI	4,109,637		08/29/1978		Drouin		1	<del>                                     </del>	<del> </del>
1	AJ	4,127,101		11/28/1978		Tilton		<del>                                     </del>	1-1-	
a	AK	4,136,667		01/30/1979		Lewis				<u> </u>
•				FOREI	GN PATE	NT DOCUMENTS			<u> </u>	<del></del>
EXAMINER INITIAL		DOCUMENT DA		ATE COUNTR		RY	CLA	zs.	SUB-CLASS	TRANSLATION
	AL				<del> </del>	-4	$\neg$			Yes
	AM	<u> </u>	-		<del> </del>	<del></del>			<b>-</b>	No
	Aivi									Yes No
	AN				<del> </del>				<u> </u>	Yes
	1.0	<u> </u>			<del> </del>					No
	AO									Yes No
	AP				<del>                                     </del>		_			Yes
	<u> </u>	<u> </u>						<del>-</del> -	<u> </u>	No
	AQ		ОТН	ER (Including /	Author, Ti	tle, Date, Pertinent	Pages, et	c.)		
	١٨٧	1								
	AR	1								•
	1,2,	-								•
	AS	1								•
EXAMINER							D.	ATE CO	ONSIDERED	
Carh G.								12-5-0		
EXAMINER: conformance an	Initial if	f reference considered. Include	red, whe	ther or not cital	tion is in co	onformance with MF junication to Applica	PEP 609.	Draw li	ne through citati	on if not in

Page 2 of 3

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	MMB DOCKET NO. 1007-0584 Emerson Docket No. MAL-03-011	APPLICATION NO. 10/730,296	
•	APPLICANT(S): Smock et al.	•	_
	FILING DATE: December 8, 2003	GROUP ART UNIT: To be assigned	_

LIC DAMPIND DOCUMENTO							
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS.	SUB-CLASS	FILING DATE
an	BA	4,163,443	08/07/1979	Peterson	i	1	
. ,	ВВ	4,201,901	05/06/1980	Schuchert			
7	BC	4,374,320	02/15/1983	Barnett		1	
• (	BD	4,593,945	06/10/1986	Arute et al.			
	BE	4,838,586	06/13/1989	Henne			
	BF	4,861,078	08/29/1989	Munoz			
	BG	4,927,996	05/22/1990	Genbauffe et al.			
	ВН	4,982,063	01/01/1991	Tsunekawa et al.			
	Bi	5,004,276	04/02/1991	Hanley			
<del>                                     </del>	BJ	5,220,153	06/15/1993	Malone et al.		† <i>†</i>	
· 0	ВК	5,419,305	05/30/1995	Hanley	1		
			FOREIGN	PATENT DOCUMENTS	<u> </u>	L	
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	BL						Yes No
	ВМ						Yes No
	BN						Yes
	ВО		- <del> </del>				No Yes
							No
	BP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	BQ	2		, , , , , , , , , , , , , , , , , , , ,			
	BR	2					
	BS	2					
EXAMINER		<del></del>	0 1 1	-	DATE CO	NSIDERED	
Cont Ly,						12-5-09	<i>y</i>
EXAMINER: In	itial if r	eference considere	d, whether or not citation	is in conformance with MPE	P 609. Draw line	through citation	if not in
conformance and not considered. Include copy of this form with next communication to Applicant.							

Page 3 of 3

FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT

MMB DOCKET NO. 1007-0584 Emerson Docket No. MAL-03-011

**APPLICATION NO. 10/730,296** 

APPLICANT(S): Smock et al.

FILING DATE: December 8, 2003

GROUP ART UNIT: To be assigned

		<del></del>	11	S DATE	NT DOCUMENTS			
EXAMINER	_	<del></del>		.S. PATE	I.		<del></del>	<del></del>
INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUB-CLASS	FILING DATE
en	CA	5,493,099	02/20/1996	•	McWilliams, III	1	/	
	СВ	6,079,756	06/27/2000		Phillips	<del>                                     </del>		
	CC	6,302,098	10/16/2001		Smith	+ /-	<del>                                     </del>	
n	CD	6,315,336	11/13/2001		Swartzell	<del>-   /</del>	/	
-	CE		<del>                                     </del>	· · · · · · · · · · · · · · · · · · ·				
	CF					<del></del>		
	CG			_			<del></del>	
	СН					_		
<del></del>	CI	<del></del>				_		
	C1							
	CK							
•		* <u></u>	FOR	EIGN PA	TENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT DATE COUNTY NUMBER		DUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	BL							· Yes
	ВМ							Yes No
	BN							Yes No
	ВО							Yes No
	BP			<u> </u>				Yes No
	_L		OTHER (Includin	g Author	, Title, Date, Pertinent Pa	ges, etc.)	<u> </u>	
	BQ	3						
	BR	3					<u></u>	
	BS	3	<del></del>				<del></del>	
EXAMINER	<u> </u>	<u> </u>				DATE CO	NSIDERED	
Cah Ly.						22	12-5-	04
EXAMINER: In conformance and	nitial if r	eference consider	ed, whether or not c	itation is i th next co	n conformance with MPEF mmunication to Applicant.	609. Draw line		